

Amendments to the Claims:

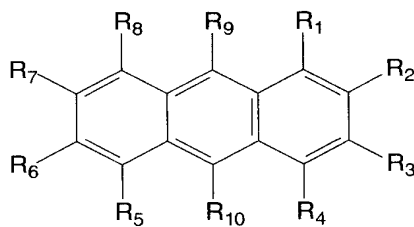
This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.(Original) An organic light-emitting device, comprising a substrate, an anode, and a cathode disposed over the substrate, and a luminescent layer disposed between the anode and the cathode wherein the luminescent layer includes a host and at least one dopant, the host of the luminescent layer is selected to include a solid organic material comprising a mixture of at least two components, wherein the first component is an organic compound containing an aminoanthracene, and the second component of the mixture contains an organic compound having a dipole moment larger than that of the first component.

2.(Original) An organic light-emitting device, comprising:

- a) a substrate;
- b) an anode and a cathode disposed over the substrate;
- c) a luminescent layer disposed between the anode and the cathode wherein the luminescent layer includes a host and at least one dopant;
- d) the host of the luminescent layer being selected to include a solid organic material comprising a mixture of at least two components wherein:
 - i) the first component of the mixture contains an aminoanthracene compound of the formula:



wherein:

R₁ to R₁₀ are individually hydrogen, fluoro, halogen, hydroxy, nitro, cyano, unbranched alkyl or substituted unbranched alkyl of from 1 to 24 carbon atoms, branched alkyl or substituted branched alkyl of from 1 to 24

carbon atoms, cyclic alkyl or substituted cyclic alkyl of from 1 to 24 carbon atoms, aryl or substituted aryl of from 5 to 40 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl or substituted alkenyl, alkoxy or substituted alkoxy, aryloxy or substituted aryloxy, aromatic hydrocarbon or substituted aromatic hydrocarbon and at least one of R₁ to R₁₀ is diarylamino, arylalkylamino, or dialkylamino, and

ii) the second component of the mixture contains an organic compound having a dipole moment larger than that of the first component; and

e) the dopant of the luminescent layer being selected to produce light from the light-emitting device.

3.(Original) The organic light-emitting device of claim 2 wherein the first component of the host constitutes at least 1% by volume of the luminescent layer.

4.(Original) The organic light-emitting device of claim 2 wherein the first component of the host constitutes preferably 25-75% by volume of the luminescent layer.

5.(Original) The organic light-emitting device of claim 2 wherein the second component includes an oxinoid compound.

6.(Previously Presented) The organic light-emitting device of claim 5 wherein the second component includes AlQ₃.

7.(Original) The organic light-emitting device of claim 2 wherein the second component of the host constitutes preferably 75-25% by volume of the luminescent layer.

8.(Original) The organic light-emitting device of claim 2 wherein the dopant concentration in the luminescent layer is between 0.1 and 10% by volume.

9.(Original) The organic light-emitting device of claim 2 wherein the dopant includes a coumarin dye.

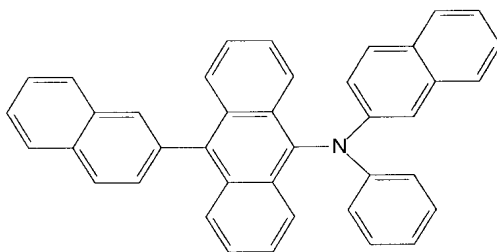
10.(Original) The organic light-emitting device of claim 9 wherein the dopant includes C-6, C-545T, or C-525T.

11.(Original) The organic light-emitting device of claim 2 wherein the dopant includes a quinacridone dye.

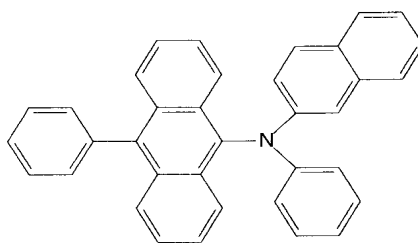
12.(Original) The organic light-emitting device of claim 11 wherein the dopant includes QA, DMQA, CFDMQA, or DPQA.

13.(Original) The organic light-emitting device of claim 2 wherein the dopant produces blue, blue-green, green, green-yellow, or yellow light.

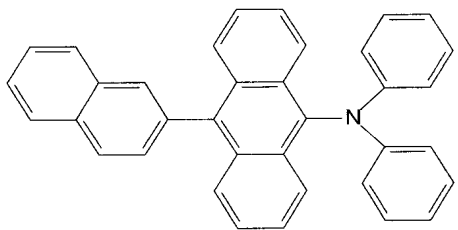
14.(Original) The organic light-emitting device of claim 2 wherein the first component of the host includes a compound of the formula:



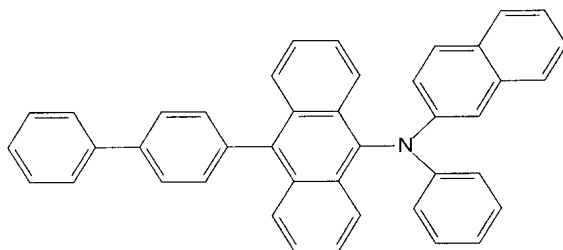
15.(Withdrawn) The organic light-emitting device of claim 2 wherein the first component of the host includes a compound of the formula:



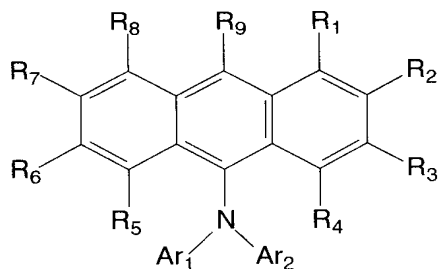
16.(Withdrawn) The organic light-emitting device of claim 2 wherein the first component of the host includes a compound of the formula:



17.(Withdrawn) The organic light-emitting device of claim 2 wherein the first component of the host includes a compound of the formula:



- 18.(Original) An organic light-emitting device, comprising:
- a) a substrate;
 - b) an anode and a cathode disposed over the substrate;
 - c) a luminescent layer disposed between the anode and the cathode wherein the luminescent layer includes a host and at least one dopant;
 - d) the host of the luminescent layer being selected to include a solid organic material comprising a mixture of at least two components wherein:
 - i) the first component of the mixture contains an aminoanthracene compound of the formula:



wherein:

R₁ to R₉ are individually hydrogen, fluoro, halogen, hydroxy, nitro, cyano, unbranched alkyl or substituted unbranched alkyl of from 1 to 24 carbon atoms, branched alkyl or substituted branched alkyl of from 1 to 24 carbon atoms, cyclic alkyl or substituted cyclic alkyl of from 1 to 24 carbon atoms, aryl or substituted aryl of from 5 to 40 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl or substituted alkenyl, alkoxy or substituted alkoxy, aryloxy or substituted aryloxy, aromatic hydrocarbon or substituted aromatic hydrocarbon; Ar₁ and Ar₂ are individually aryl or substituted aryl of from 5 to 40 carbon atom.; and

ii) the second component of the mixture contains an organic compound having a dipole moment larger than that of the first component; and

e) the dopant of the luminescent layer being selected to produce light from the light-emitting device.

19.(Original) The organic light-emitting device of claim 18 wherein the first component of the host constitutes at least 1% by volume of the luminescent layer.

20.(Original) The organic light-emitting device of claim 18 wherein the first component of the host constitutes preferably 25-75% by volume of the luminescent layer.

21.(Original) The organic light-emitting device of claim 18 wherein the second component includes an oxinoid compound.

22.(Previously Presented) The organic light-emitting device of claim 21 wherein the second component includes AlQ₃.

23.(Original) The organic light-emitting device of claim 18 wherein the second component of the host constitutes preferably 75-25% by volume of the luminescent layer.

24.(Original) The organic light-emitting device of claim 18 wherein the dopant concentration in the luminescent layer is between 0.1 and 10% by volume.

25.(Original) The organic light-emitting device of claim 18 wherein the dopant includes a coumarin dye.

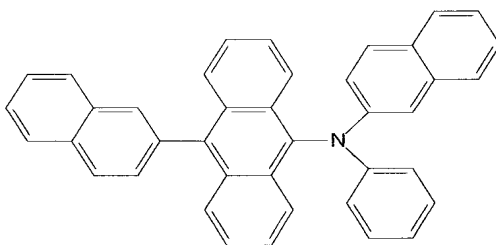
26.(Original) The organic light-emitting device of claim 25 wherein the dopant includes C-6, C-545T, or C-525T.

27.(Original) The organic light-emitting device of claim 18 wherein the dopant includes a quinacridone dye.

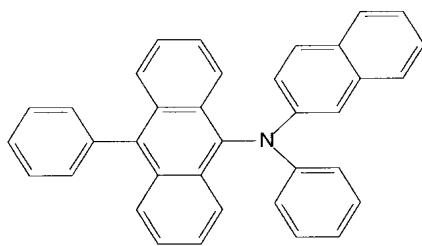
28.(Original) The organic light-emitting device of claim 27 wherein the dopant includes QA, DMQA, CFDMQA, or DPQA.

29.(Original) The organic light-emitting device of claim 18 wherein the dopant produces blue, blue-green, green, green-yellow, or yellow light.

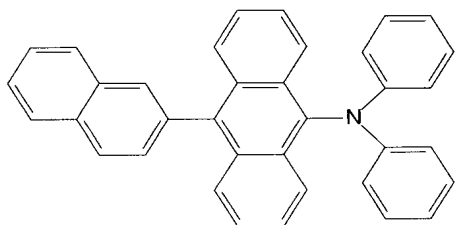
30.(Original) The organic light-emitting device of claim 18 wherein the first component of the host includes a compound of the formula:



31.(Withdrawn) The organic light-emitting device of claim 18 wherein the first component of the host includes a compound of the formula:



32.(Withdrawn) The organic light-emitting device of claim 18 wherein the first component of the host includes a compound of the formula:



33.(Withdrawn) The organic light-emitting device of claim 18 wherein the first component of the host includes a compound of the formula:

